



FIG. 1

[illegible]

FIG. 2

ASSEMBLY  
CODE PRE-  
PROCESSOR

252  
Convert high-level type  
definitions in assembly  
code into internal form  
and remove the type  
definitions from the  
assembly code

254  
Read the addresses and  
sizes from the allocation  
directives and remove the  
allocation directives from  
the assembly source

256  
Replace substitution  
directives in the assembly  
code with locations and/or  
sizes associated with the  
referenced data structure

END

FIG. 3